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GERMAN DELEGATION

COCOM DOC, No. 3664

Paris, 9th September, 1959

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MEMORANDUM BY THE GERMAN DELEGATION  
ON THE EXPORT TO CZECHOSLOVAKIA OF LITHIUM ALUMINIUM HYDRIDE

The German authorities have received another request for the shipment of 3 kg lithium-aluminium-hydride in the value of \$232.- to Czechoslovakia. The material is the same as mentioned in Cocom Documents 3389 and 3554 and will be used as reducing agent in the production of pharmaceutical articles, it has the following analysis:

Li 18.29 %  
Al 71.09 %  
H 10.62 %  
100.00 %

It is extremely difficult to use this compound as source for lithium metal on account of its high percentage of aluminium; such a process would also be very uneconomical since there are sufficient natural resources of lithium bearing minerals.

Moreover, any processing of the above lithium-aluminium hydride in order to win isotopes  $Li^6$  is very unlikely as this compound contains less isotopes  $Li^6$  than natural lithium; the latter is confirmed by a certificate of the Max Planck Institute stating that this compound is enriched in isotopes  $Li^7$  which means that it contains less than the normal quantity of isotopes  $Li^6$ .

This case is submitted as an ad-hoc-request. The German authorities trust that in view of the small quantity and value involved, the civilian end-use, and the nature of the material no objection will be raised against this shipment. The German Delegation would appreciate to hear the views of governments at an early date.

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